# PATENT COOPERATION TREATY

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From the INTERNATIONAL SEARCHING AUTHOR .UG 0 9 2005 NOTIFICATION OF TRANSMITTAL OF

MAKELY, SO (OLOFF, TAYLOR NOTEGO NATIONAL SEARCH REPORT AND

LOS ANGE ME IT IEN OPINION OF THE INTERNATIONAL
SEARCHING AUTHORITY, OR THE DECLARATION BLAKELY SOKOLOFF TAYLOR & ZAFMAN, LLP Attn. Vincent, Lester J. 12400 Wilshire Boulevard 100 7th floor Los Angeles, CA 90025 CILLIFF. UNITED STATES OF AMERICA (PCT Rule 44.1) AUG - 9 2005 Date of maling (day/month/year) STATUS DRA 04/08/2005 Applicant's or agent's file reference FOR FURTHER ACTION See paragraphs 1 and 4 below 5489.P092PCT International filing date International application No. (day/month/year) 08/04/2005 PCT/US2005/011886 Applicant NOVERA OPTICS, INC. The applicant is hereby notified that the International search report and the written opinion of the International Searching Authority have been established and are transmitted herewith. Filling of amendments and statement under Article 19: The applicant is entitled, if he so wishes, to amend the claims of the International Application (see Rule 46): When? The time limit for filling such amendments is normally 2 months from the date of transmittal of the International Search Report; however, for more details, see the notes on the accompanying sheet. International Bureau of WIPO, 34 chemin des Colombettes Where? Directly to the 1211 Geneva 20, Switzerland, Fascimile No.: (41-22) 740.14.35 For more detailed instructions, see the notes on the accompanying sheet. The applicant is hereby notified that no International search report will be established and that the declaration under Article 17(2)(a) to that effect and the written opinion of the International Searching Authority are transmitted herewith. With regard to the protest against payment of (an) additional fee(s) under Rule 40.2, the applicant is notified that: the protest together with the decision thereon has been transmitted to the international Bureau together with the applicant's request to forward the texts of both the protest and the decision thereon to the designated Offices. no decision has been made yet on the protest; the applicant will be notified as soon as a decision is made. 4. Reminders Shortly after the expiration of 18 months from the priority date, the International application will be published by the International Bureau. If the applicant wishes to avoid or postpone publication, a notice of withdrawai of the International application, or of the priority claim, must reach the International Bureau as provided in Rules 90bis.1 and 90bis.3, respectively, before the completion of the technical preparations for international publication. The applicant may submit comments on an informal basis on the written opinion of the International Searching Authority to the International Bureau. The International Bureau will send a copy of such comments to all designated Offices unless an international preliminary examination report has been or is to be established. These comments would also be made available to the public but not before the expiration of 30 months from the priority date. WithIn 19 months from the priority date, but only in respect of some designated Offices, a demand for International preliminary examination must be filed if the applicant wishes to postpone the entry into the national phase until 30 months from the priority date (in some Offices even later); otherwise, the applicant must, within 20 months from the priority date, perform the prescribed acts for entry into the national phase before those designated Offices. In respect of other designated Offices, the time limit of 30 months (or later) will apply even if no demand is filed within 19 See the Annex to Form PCT/IB/301 and, for details about the applicable time limits, Office by Office, see the PCT Applicant's Guide, Volume II, National Chapters and the WIPO Internet site. 10 - ---- A. Maraita Authorizon officer

| Name and mailing address of the International Searching Authority   | Authorized onicei |
|---|-------------------|
| European Patent Office, P.B. 5818 Patentiaan 2<br>NL-2280 HV Rijswijk<br>Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,<br>Fax: (+31-70) 340-3016 | Carole Emery      |
|   |                   |

#### NOTES TO FORM PCT/ISA/220

These Notes are intended to give the basic instructions concerning the filing of amendments under article 19. The Notes are based on the requirements of the Patent Cooperation Treaty, the Regulations and the Administrative Instructions under that Treaty. In case of discrepancy between these Notes and those requirements, the latter are applicable. For more detailed information, see also the PCT Applicant's Guide, a publication of WIPO.

In these Notes, "Article", "Rule", and "Section" refer to the provisions of the PCT, the PCT Regulations and the PCT Administrative Instructions respectively.

#### INSTRUCTIONS CONCERNING AMENDMENTS UNDER ARTICLE 19

The applicant has, after having received the international search report, one opportunity to amend the claims of the international application. It should however be emphasized that, since all parts of the international application (claims, description and drawings) may be amended during the international preliminary examination procedure, there is usually no need to file amendments of the claims under Article 19 except where, e.g. the applicant wants the latter to be published for the purposes of provisional protection or has another reason for amending the claims before international polication. Furthermore, it should be emphasized that provisional protection is available in some States only.

## What parts of the international application may be amended?

Under Article 19, only the claims may be amended.

During the international phase, the claims may also be amended (or further amended) under Article 34 before the International Preliminary Examining Authority. The description and drawings may only be amended under Article 34 before the International Examining Authority.

Upon entry into the national phase, all parts of the international application may be amended under Article 28 or, where applicable, Article 41.

#### When?

Within 2 months from the date of transmittal of the international search report or 16 months from the priority date, whichever time limit expires later. It should be noted, however, that the amendments will be considered as having been received on time if they are received by the International Bureau after the expiration of the applicable time limit but before the completion of the technical preparations for international publication (Rule 46.1).

#### Where not to file the amendments?

The amendments may only be filed with the International Bureau and not with the receiving Office or the International Searching Authority (Rule 46.2).

Where a demand for international preliminary examination has been its filed, see below.

#### How?

Either by cancelling one or more entire claims, by adding one or more new claims or by amending the text of one or more of the claims as filed.

A replacement sheet must be submitted for each sheet of the claims which, on account of an amendment or amendments, differs from the sheet originally filed.

All the claims appearing on a replacement sheet must be numbered in Arabic numerals. Where a claim is cancelled, no renumbering of the other claims is required. In all cases where claims are renumbered, they must be renumbered consecutively (Administrative Instructions, Section 205(b)).

The amendments must be made in the language in which the international application is to be published.

#### What documents must/may accompany the amendments?

#### Letter (Section 205(b)):

The amendments must be submitted with a letter.

The letter will not be published with the international application and the amended claims. It should not be confused with the "Statement under Article 19(1)" (see below, under "Statement under Article 19(1)").

The letter must be in English or French, at the choice of the applicant. However, if the language of the international application is English, the letter must be in English; if the language of the international application is French, the letter must be in French.

Notes to Form PCT/ISA/220 (first sheet) (January 1994)

#### NOTES TO FORM PCT/ISA/220 (continued)

The letter must indicate the differences between the claims as filed and the claims as amended. It must, in particular, indicate, in connection with each claim appearing in the international application (it being understood that identical indications concerning several claims may be grouped), whether

- (i) the claim is unchanged;
- (ii) the claim is cancelled;
- (iii) the claim is new;
- (iv) the claim replaces one or more claims as filed;
- (v) the claim is the result of the division of a claim as filed.

# The following examples illustrate the manner in which amendments must be explained in the accompanying letter:

- [Where originally there were 48 claims and after amendment of some claims there are 51]:
   "Claims 1 to 29, 31, 32, 34, 35, 37 to 48 replaced by amended claims bearing the same numbers;
   claims 30, 33 and 36 unchanged; new claims 49 to 51 added."
- [Where originally there were 15 claims and after smendment of all claims there are 11]: "Claims 1 to 15 replaced by amended claims 1 to 11."
- 3. [Where originally there were 14 claims and the amandments consist in cancelling some claims and in adding new claims]:
  "Claims 1 to 6 and 14 unchanged; claims 7 to 13 cancelled; new claims 15, 16 and 17 added." or
  "Claims 7 to 13 cancelled; new claims 15, 16 and 17 added; all other claims unchanged."
- [Where various kinds of amendments are made]:
   "Claims 1-10 unchanged; claims 11 to 13, 18 and 19 cancelled; claims 14, 15 and 16 replaced by amended claim 14; claim 17 subdivided into amended claims 15, 16 and 17; new claims 20 and 21 added."

#### "Statement under article 19(1)" (Rule 46.4)

The amendments may be accompanied by a statement explaining the amendments and indicating any impact that such amendments might have on the description and the drawings (which cannot be amended under Article 19(1)).

The statement will be published with the international application and the amended claims.

# It must be in the language in which the international appplication is to be published.

It must be brief, not exceeding 500 words if in English or if translated into English.

It should not be confused with and does not replace the letter indicating the differences between the claims as filed and as amended. It must be filed on a separate sheet and must be identified as such by a heading, preferably by using the words "Statement under Article 19(1)."

It may not contain any disparaging comments on the international search report or the relevance of citations contained in that report. Reference to citations, relevant to a given claim, contained in the international search report may be made only in connection with an amendment of that claim.

#### Consequence if a demand for international proliminary examination has already been filed

If, at the time of filing any amendments under Article 19, a demand for international preliminary examination has already been submitted, the applicant must preferably, at the same time of filing the amendments with the International Bureau, also file s copy of such amendments with the International Preliminary Examining Authority (see Rule 62.2(a), first sentence).

## Consequence with regard to translation of the international application for entry into the national phase

The applicant's attention is drawn to the fact that, where upon entry into the national phase, a translation of the claims as amended under Article 19 may have to be furnished to the designated/elected Offices, instead of, or in addition to, the translation of the claims as filed.

For further details on the requirements of each designated/elected Office, see Volume II of the PCT Applicant's Guide.

Notes to Form PCT/ISA/220 (second sheet) (January 1994)

# PAT \_NT COOPERATION TREATY

# **PCT**

# INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

| Applicant's or agent's file reference   | FOR FURTHER ACTION                       | see Form PCT/ISA/220<br>as well as, where applicable, Item 5 below. |  |  |  |  |  |
|---|--|---|--|--|--|--|--|
| 5489.P092PCT International application No.  | International filing date (day/month     | v/year) (Earllest) Priority Date (day/month/year)                   |  |  |  |  |  |
|   |  |   |  |  |  |  |  |
| PCT/US2005/011886   | 08/04/2005                               | 09/04/2004  |  |  |  |  |  |
| Applicant   |  |   |  |  |  |  |  |
| NOVERA OPTICS, INC.   |  |   |  |  |  |  |  |
| This International Search Report has bee according to Article 18. A copy Is being tr  | n prepared by this International Sear    | ching Authority and is transmitted to the applicant                 |  |  |  |  |  |
|   |  |   |  |  |  |  |  |
| This International Search Report consists  It is also accompanied by  | a copy of each prior art document c      |   |  |  |  |  |  |
| A It is also assumparied by   | a copy of cash phot at accuments         |   |  |  |  |  |  |
| Basis of the report     a. With regard to the language, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item. |  |   |  |  |  |  |  |
| The International this Authority (Ru  |  | of a translation of the international application furnished to      |  |  |  |  |  |
| b. With regard to any nucle   | otide and/or amino acid sequence         | disclosed in the International application, see Box No. I.          |  |  |  |  |  |
| 2. Certain claims were fou  | ind unsearchable (See Box II).           |   |  |  |  |  |  |
| 3. Unity of invention is lac  | king (see Box III).                      |   |  |  |  |  |  |
| 4. With regard to the title,  |  |   |  |  |  |  |  |
|   | ubrnitted by the applicant.              |   |  |  |  |  |  |
| the text has been establis  | shed by this Authority to read as folio  | ws:   |  |  |  |  |  |
|   |  |   |  |  |  |  |  |
|   |  |   |  |  |  |  |  |
|   |  |   |  |  |  |  |  |
|   | NO DOC                                   | KETING REQUIRE  |  |  |  |  |  |
|   | ,,,,,                                    | N.A   |  |  |  |  |  |
|   |  |   |  |  |  |  |  |
| 5. With regard to the abstract,   |  |   |  |  |  |  |  |
|   | bmltted by the applicant.                | a a   |  |  |  |  |  |
| the text has been establis  |  | is Authority as it appears in Box No. IV. The applicant             |  |  |  |  |  |
| may, within one month fro   | om the date of mailing of this internati | onal search report, submit comments to this Authority.              |  |  |  |  |  |
| 6. With regard to the drawings,   |  |   |  |  |  |  |  |
| a. the figure of the drawings to be p   | ublished with the abstract is Figure N   | No2   |  |  |  |  |  |
| as suggested by t   | the applicant.                           |   |  |  |  |  |  |
| X as selected by thi  | s Authority, because the applicant fai   | iled to suggest a figure.   |  |  |  |  |  |
|   | s Authority, because this figure better  | r characterizes the invention.                                      |  |  |  |  |  |
| b. none of the figures is to be   | e published with the abstract.           |   |  |  |  |  |  |

#### **'ONAL SEARCH REPORT** INTERN

Internatio pplication No PCT/US2005/011886

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 H04J14/02

According to international Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04J

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

#### EPO-Internal

| Category ° | Citation of document, with indication, where appropriate, of the relevant passages  | Relevant to claim No. |
|------------|---|-----------------------|
| X          | WO 03/055111 A (NOKIA CORPORATION;<br>TERVONEN, ARI; HIIRONEN, OLLI-PEKKA)<br>3 July 2003 (2003-07-03)<br>page 1, line 5 - line 12<br>page 11, line 26 - page 17, line 7              | 1-22                  |
| X          | EP 0 782 285 A (AT&T CORP) 2 July 1997 (1997-07-02) column 1, line 7 - line 10 column 3, line 3 - line 14 column 3, line 24 - column 4, line 19 column 6, line 8 - column 11, line 16 | 1-22                  |
| A          | EP 0 938 205 A (JDS FITEL INC) 25 August 1999 (1999-08-25) paragraph '0001! paragraph '0029!  | 2,3,<br>11-14         |

| Special categories of cited documents :   | "T" later document published after the international filing dat<br>or priority date and not in conflict with the application bu  |
|---|--|
| "A" document defining the general state of the art which is not<br>considered to be of particular relevance | cited to understand the principle or theory underlying the<br>invention  |
| *E* earlier document but published on or after the international filing date                                | *X* document of particular relevance; the claimed invention<br>cannot be considered novel or cannot be considered to<br>involve an investive stop when the document is taken a |

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) involve an inventive step when the d

"Y" document of particular relevance; the cialmed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. \*O\* document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed

"&" document member of the same patent family

Date of mailing of the international search report Date of the actual completion of the international search 04/08/2005 28 July 2005 **Authorized officer** Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo ni, Fax: (+31-70) 340-3016

Form PCT/ISA/210 (second sheet) (January 2004)

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Alonso Martin, M.E.

# INTERNAT' NAL SEARCH REPORT

International Scation No
PCT/US2005/011886

|           | atton) DOCUMENTS CONSIDERED TO BE RELEVANT  Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No.    |
|-----------|--|--------------------------|
| ategory ° | Citation of document, with indication, where appropriate, of the relevant passages   | responding to claim inc. |
| 1         | EP 1 388 963 A (CHOI, JUN-KOOK) 11 February 2004 (2004-02-11) paragraph '0001! paragraph '0084! - paragraph '0089!             | 15,16                    |
|           |  |                          |
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|           |  |                          |

# INTERNATIONAL SEARCH REPORT

information on patent family members

Internatio pplication No
PCT/US2005/011886

| Patent document<br>cited in search report |   | Publication date |                      | Patent family<br>member(s)                                  | Publication<br>date                                  |
|---|---|------------------|----------------------|---|--|
| WO 03055111                               | A | 03-07-2003       | AU<br>EP<br>WO<br>US | 2002366915 A1<br>1464131 A1<br>03055111 A1<br>2005036785 A1 | 09-07-2003<br>06-10-2004<br>03-07-2003<br>17-02-2005 |
| EP 0782285                                | A | 02-07-1997       | US<br>CA<br>EP<br>JP | 5808764 A<br>2191156 A1<br>0782285 A2<br>9200148 A          | 15-09-1998<br>29-06-1997<br>02-07-1997<br>31-07-1997 |
| EP 0938205                                | Α | 25-08-1999       | US<br>CA<br>EP<br>JP | 5943149 A<br>2255346 A1<br>0938205 A2<br>11337765 A         | 24-08-1999<br>18-08-1999<br>25-08-1999<br>10-12-1999 |
| EP 1388963                                | Α | 11-02-2004       | CN<br>EP<br>JP<br>US | 1481105 A<br>1388963 A2<br>2004112763 A<br>2004033076 A1    | 10-03-2004<br>11-02-2004<br>08-04-2004<br>19-02-2004 |

### PA NT COOPERATION TREATY

From the INTERNATIONAL SEARCHING AUTHORITY PCT To: WRITTEN OPINION OF THE see form PCT/ISA/220 INTERNATIONAL SEARCHING AUTHORITY (PCT Rule 43bis.1) Date of mailing (day/month/year) see form PCT/ISA/210 (second sheet) Applicant's or agent's file reference FOR FURTHER ACTION see form PCT/ISA/220 See paragraph 2 below International filing date (day/month/year) Priority date (day/month/year) International application No. 09.04.2004 08.04.2005 PCT/US2005/011886 International Patent Classification (IPC) or both national classification and IPC H04J14/02 Applicant NOVERA OPTICS, INC. This opinion contains indications relating to the following items: Box No. I Basis of the opinion ☑ Box No. II **Priority** ☐ Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability □ Box No. IV Lack of unity of invention Reasoned statement under Rule 43bis.1(a)(l) with regard to novelty, inventive step or industrial ☑ Box No. V applicability; citations and explanations supporting such statement ☐ Box No. VI Certain documents cited ☐ Box No. VII Certain defects in the international application Box No. VIII Certain observations on the international application **FURTHER ACTION** If a demand for international preliminary examination is made, this opinion will usually be considered to be a written opinion of the International Preliminary Examining Authority ("IPEA"). However, this does not apply where the applicant chooses an Authority other than this one to be the IPEA and the chosen IPEA has notifed the International Bureau under Rule 66.1 bis(b) that written opinions of this International Searching Authority will not be so considered. If this opinion is, as provided above, considered to be a written opinion of the IPEA, the applicant is invited to submit to the IPEA a written reply together, where appropriate, with amendments, before the expiration of three months from the date of mailing of Form PCT/ISA/220 or before the expiration of 22 months from the priority date, whichever expires later. For further options, see Form PCT/ISA/220. For further details, see notes to Form PCT/ISA/220.



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Name and mailing address of the ISA:

European Patent Office - P.B. 5818 Patentlaan 2 NL-2280 HV Rijswijk - Pays Bas Tel. +31 70 340 - 2040 Tx: 31 651 epo nl Fax: +31 70 340 - 3016 **Authorized Officer** 

Alonso Martin, M.E.

Telephone No. +31 70 340-1992



# WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No. PCT/US2005/011886

|                               | Вох          | No   | . I Basis of the opinion  |  |  |  |  |  |
|-------------------------------|--------------|--|---|--|--|--|--|--|
| 1.                            | With<br>the  | th regard to the <b>language</b> , this opinion has been established on the basis of the international application in a language in which it was filed, unless otherwise indicated under this item.  |   |  |  |  |  |  |
|                               |              | This opinion has been established on the basis of a translation from the original language into the following language , which is the language of a translation furnished for the purposes of international search (under Rules 12.3 and 23.1(b)). |   |  |  |  |  |  |
| 2.                            | With<br>nece | ith regard to any nucleotide and/or amino acid sequence disclosed in the international application and ecessary to the claimed invention, this opinion has been established on the basis of:   |   |  |  |  |  |  |
|                               | a. ty        | pe (   | of material:  |  |  |  |  |  |
|                               |              |  | a sequence listing  |  |  |  |  |  |
|                               |              | ם  | table(s) related to the sequence listing  |  |  |  |  |  |
|                               | b. fo        | rma  | at of material:   |  |  |  |  |  |
|                               |              |  | in written format   |  |  |  |  |  |
|                               | [            |  | in computer readable form   |  |  |  |  |  |
| c. time of filing/furnishing: |              |  |   |  |  |  |  |  |
|                               | [            | <b>-</b>   | contained in the international application as filed.  |  |  |  |  |  |
|                               | [            | <b>-</b>   | filed together with the international application in computer readable form.  |  |  |  |  |  |
|                               |              | כ  | furnished subsequently to this Authority for the purposes of search.  |  |  |  |  |  |
| 3.                            |              | has  | addition, in the case that more than one version or copy of a sequence listing and/or table relating thereto is been filed or furnished, the required statements that the information in the subsequent or additional poies is identical to that in the application as filed or does not go beyond the application as filed, as propriate, were furnished.  |  |  |  |  |  |
| 4.                            | Add          | ditional comments:   |   |  |  |  |  |  |
|                               |              |  |   |  |  |  |  |  |
| _                             | Box          | No   | o. II Priority  |  |  |  |  |  |
| 1.                            |              | doe  | e validity of the priority claim has not been considered because the International Searching Authority es not have in its possession a copy of the earlier application whose priority has been claimed or, where juired, a translation of that earlier application. This opinion has nevertheless been established on the sumption that the relevant date (Rules 43 <i>bis</i> .1 and 64.1) is the claimed priority date. |  |  |  |  |  |
| 2.                            |              | has  | is opinion has been established as if no priority had been claimed due to the fact that the priority claims been found invalid (Rules 43 <i>bis</i> .1 and 64.1). Thus for the purposes of this opinion, the international graduate indicated above is considered to be the relevant date.  |  |  |  |  |  |
| 3.                            | Add          | litior   | nal observations, if necessary:   |  |  |  |  |  |

Box No. V Reasoned statement under Ruie 43*bis*.1(a)(i) with regard to noveity, inventive step or industrial applicability; citations and explanations supporting such statement

1. Statement

Novelty (N)

Yes: Claims

2,3,11-16

No: Claims

1,4-10,17-22

Inventive step (IS)

Yes: Claims

No: Claims

1-22

Industrial applicability (IA)

Yes: Claims No: Claims 1-22

2. Citations and explanations

see separate sheet

#### Re Item V

Reasoned statement with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

Reference is made to the following documents:

D1: WO 03/055111 A (NOKIA CORPORATION; TERVONEN, ARI; HIIRONEN, OLLI-PEKKA) 3 July 2003 (2003-07-03)

D2: EP-A-0 782 285 (AT&T CORP) 2 July 1997 (1997-07-02)

D3: EP-A-0 938 205 (JDS FITEL INC) 25 August 1999 (1999-08-25)

D4: EP-A-1 388 963 (CHOI, JUN-KOOK) 11 February 2004 (2004-02-11)

- The present application does not meet the criteria of Article 33(1) PCT, because the subject-matter of claims 1, 4-10 and 17-22 is not new in the sense of Article 33(2) PCT.
- 1.1 The document D1 discloses (the references in parentheses applying to this document) a wavelength division multiplexing passive optical network for performing bi-directional communication (page 1, lines 5-12), the wavelength division multiplexing passive optical network comprising two or more remote distribution nodes in between a central office and a first optical network unit (page 11, lines 26-29; Fig. 5), each remote distribution node located in a physically separate location (page 11, lines 30-31: "not necessarily located at the same place") and a remote distribution node is conencted to two or more optical network units (page 11, lines 28-29; Fig. 5), wherein each remote distribution node separates one or more wavelength channels from a composite optical signal distributed through that remote distribution node (page 12, line 5- page 13, line 10).

The subject-matter of claim 1 is also covered by document D2 (column 6, lines 8-58).

The subject-matter of claim 1 does therefore not meet the requirement of novelty (Article 33(2) PCT).

1.2 The same reasoning applies, mutatis mutandis, to the subject-matter of the corresponding independent claims 17 and 20, which therefore are also considered not

new (Article 33(2) PCT).

- 1.3 Dependent claims 4 and 5 do not contain any features which, in combination with the features of any claim to which they refer, meet the requirements of the PCT in respect of novelty, see document D1 (page 13, lines 12-20; Fig. 5).
- 1.5 Dependent claims 6-10 do not contain any features which, in combination with the features of any claim to which they refer, meet the requirements of the PCT in respect of novelty, see document D1 (page 12, lines 5- page 13, line 20; Fig. 5).
- 1.7 Dependent claims 18, 19, 21 and 22 do not contain any features which, in combination with the features of any claim to which they refer, meet the requirements of the PCT in respect of novelty, see document D1 (page 13, lines 11-20; Fig. 5).
- The present application does not meet the criteria of Article 33(1) PCT, because the subject-matter of claims 2, 3 and 11-16 does not involve an inventive step in the sense of Article 33(3) PCT.
- 2.1 Dependent claims 2, 3 and 11-14 do not contain any features which, in combination with the features of any claim to which they refer, meet the requirements of the PCT in respect of inventive step, see document D1 in combination with D3 (paragraph 29).
- 2.2 Dependent claims 15 and 16 do not contain any features which, in combination with the features of claim 1, meet the requirements of the PCT in respect of inventive step, see document D1 in combination with D4 (paragraphs 84-89).